This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-67.   (Cancelled).

68.   (Currently Amended): ~~The method of claim 66, wherein the route entry comprises:~~ A method for mobile internet protocol (IP) route optimization comprising:

forwarding a datagram from a correspondent node to a mobile node using a shortest path between the mobile node and the correspondent node, wherein the mobile node is in a mobile IP visiting network having a mobile IP protocol;

registering the mobile node with the mobile IP visiting network; and

adding a route entry to a routing table in a mobile IP foreign agent, wherein the route entry includes:

a destination address comprising an address for a home network of the mobile node;

a nexthop value comprising a local interface to which the mobile node is attached; and

a routing cost comprising a value lower than all other routes available to the mobile node.

69.   (Previously Presented): The method of claim 68, further comprising:

routing the datagram based on the destination address.

70.   (Previously Presented): The method of claim 69, wherein routing the datagram comprises using a routing protocol comprising one of Open Shortest Path First (OSPF), and Border Gateway Protocol (BGP).

71.   (Cancelled).

72.   (Currently Amended): The method of claim ~~71~~70, further comprising a step of routing the datagram based on the destination address, wherein the step of routing the datagram comprises performing source-restricted destination address routing.

73.   (Previously Presented): The method of claim 72, wherein a route of the datagram is not propagated to a router using a routing protocol.

74-92. (Cancelled).

93.   (Currently Amended): ~~The method of claim 92, further comprising:~~ A method for mobile internet protocol (IP) route optimization comprising:

forwarding a datagram from a correspondent node to a mobile node using a shortest path between the mobile node and the correspondent node, wherein the mobile node is in a mobile IP visiting network having a mobile IP protocol;

registering the mobile node with the mobile IP visiting network, wherein registering the mobile node with the mobile IP visiting network includes a dynamic host configuration procedure in a home network;

adding a route entry to a routing table in a mobile IP foreign agent;

distributing one or more static routes and filters for the mobile node to the mobile IP foreign agent, wherein distributing the one or more static routes and filters occurs at a time of registering the mobile node, wherein distributing the one or more static routes comprises including the one or more static routes as an extension in a mobile IP registration reply message as part of the dynamic host configuration procedure;

giving a home agent tunnel a lower routing cost as nexthop compared to local IP connectivity for the one or more static routes; and

giving local IP connectivity a lower routing cost as nexthop compared to a home agent tunnel for one or more other static routes distributed as part of the dynamic host configuration procedure.

94-129.   (Cancelled).